

6090382

	CDR L1	RASQGIRNYLA	WYQQKPGKAPKLLY	AASTLQS
2SD4 VL	DIQMTOSSSLASIGDRVITTC			
EP B12
VL10E4
VL10A9
VL10D2
VL10F4
LOE5
VL10F9
VLL0F10
VLL0G7
VLL0G9
VLL0H1
VLL0H10
VL11B7
VL11C1
VL11C7
VL0.1F4
VL0.1H8
LOE7
LOE7.A
LOE7.T
D2E7 VL	DIQMTOSSSLASIGDRVITTC	RASQGIRNYLA	WYQQKPGKAPKLLY	AASTLQS
LD2E7*.A1
LD2E7*.A3
LD2E7*.A4
LD2E7*.A5
LD2E7*.A7
LD2E7*.A8

Figure 1A

	CDR	L3	1 2 3 4 5 6 7 8 9
2SD4	VL	GVPSRFSGSGSGTDFTLTISSLQPEDVATYYC	Q KYNSAPYA
EP	B12	...	...
VL10E4
VL10A9
VL10D2
VL10F4
LOE5
VLOF9
VLLOF10
VLL0G7
VLL0G9
VLL0H1
VLL0H10
VL1B7
VL1C1
VL1C7
VL0..1F4
VL0..1H8
LOE7
LOE7..A
LOE7..T
D2E7	VL	GVPSRFSGSGSGTDFTLTISSLQPEDVATYYC	Q RYNRAPYT
LD2E7*..A1
LD2E7*..A3
LD2E7*..A4
LD2E7*..A5
LD2E7*..A7
LD2E7*..A8
			FG QG GTKVEIK

Figure 1B

		CDR H1	DYAMH	WVRQAPGKGLEDWVS	CDR H2	AITWNSGHIDYADSVEG
2SD4 VH	Q V Q L V E S S G G G L V Q Q P G R S L R L S C A A S G F T F D	.	.	.	.	.
VH1B11	.	.	.	.	.	.
VH1D8	.	.	.	.	.	.
VH1A11	.	.	.	.	.	.
VH1B12	.	.	.	.	.	.
VH1-D2	.	.	.	.	.	.
VH1E4	.	.	.	.	.	.
VH1F6	.	.	.	.	.	.
VH1G1	.	.	.	.	.	.
3C-H2	.	.	.	.	.	.
VH1-D2.N	.	.	.	.	.	.
VH1-D2.Y	.	.	.	.	.	.
D2E7 VH	E V Q L V E S S G G G L V Q Q P G R S L R L S C A A S G F T F D	.	DYAMH	WVRQAPGKGLEDWVS	CDR H2	AITWNSGHIDYADSVEG
HD2E7*.A1	.	.	.	.	.	.
HD2E7*.A2	.	.	.	.	.	.
HD2E7*.A3	.	.	.	.	.	.
HD2E7*.A4	.	.	.	.	.	.
HD2E7*.A5	.	.	.	.	.	.
HD2E7*.A6	.	.	.	.	.	.
HD2E7*.A7	.	.	.	.	.	.
HD2E7*.A8	.	.	.	.	.	.
HD2E7*.A9	.	.	.	.	.	.

Figure 2A

CDR H3

	1	2	3	4	5	6	7	8	9	10	11	12								
2SD4 VH	R	F	A	V	S	R	D	N	A	K	N	A								
VH1B11								
VH1D8								
VH1A11								
VH1B12								
VH1-D2								
VH1E4								
VH1F6								
VH1G1								
3C-H2								
VH1-D2.N								
VH1-D2.Y								
123456789101112	AS	Y	L	S	T	S	S	L	D	N	W	G	Q	G	T	L	V	T	V	S
D2E7 VH	R	F	T	I	S	R	D	N	A	K	N	A								
HD2E7*.A1								
HD2E7*.A2								
HD2E7*.A3								
HD2E7*.A4								
HD2E7*.A5								
HD2E7*.A6								
HD2E7*.A7								
HD2E7*.A8								
HD2E7*.A9								
V123456789101112	V	S	Y	L	S	T	S	L	D	N	W	G	Q	G	T	L	V	T	V	S

Figure 2B

FIG. 3

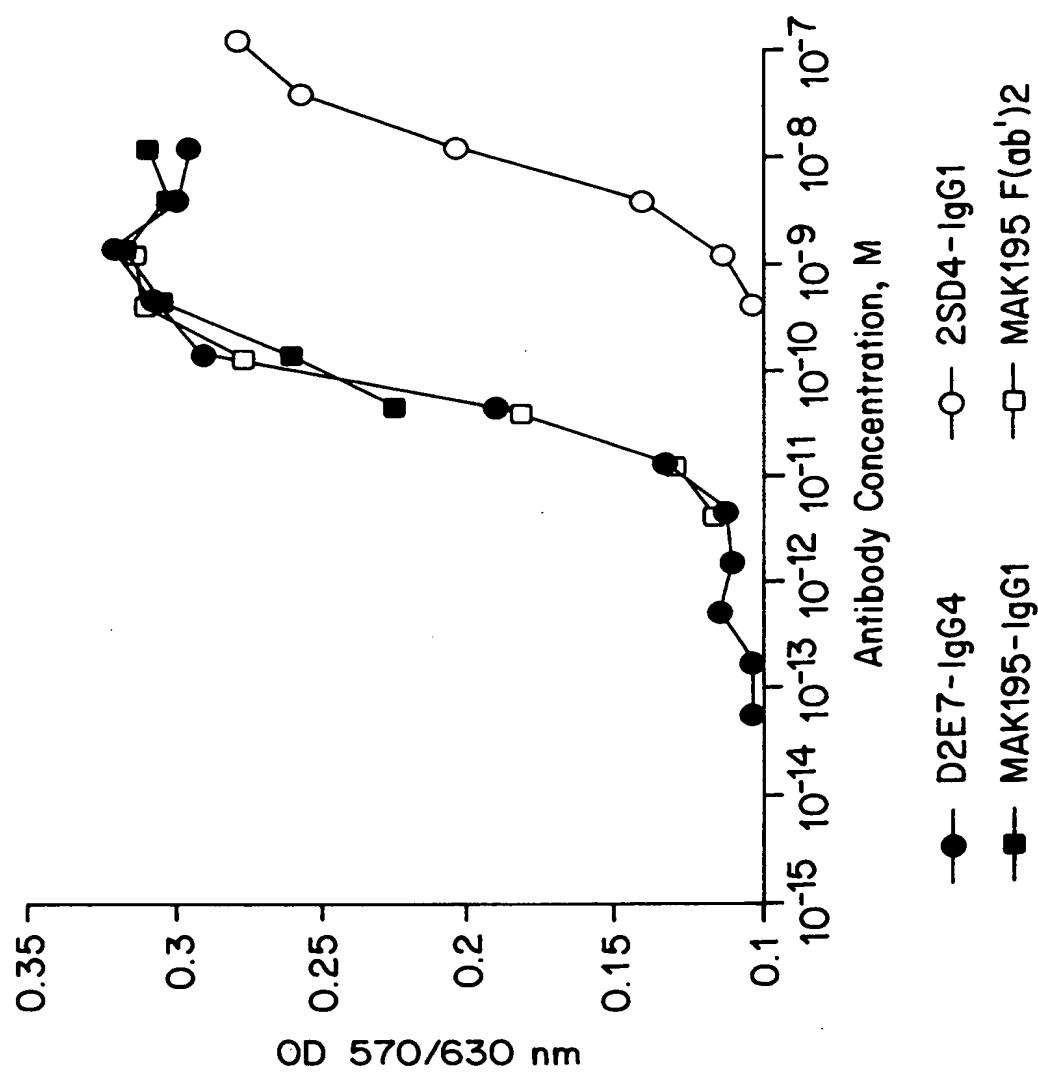


FIG. 4

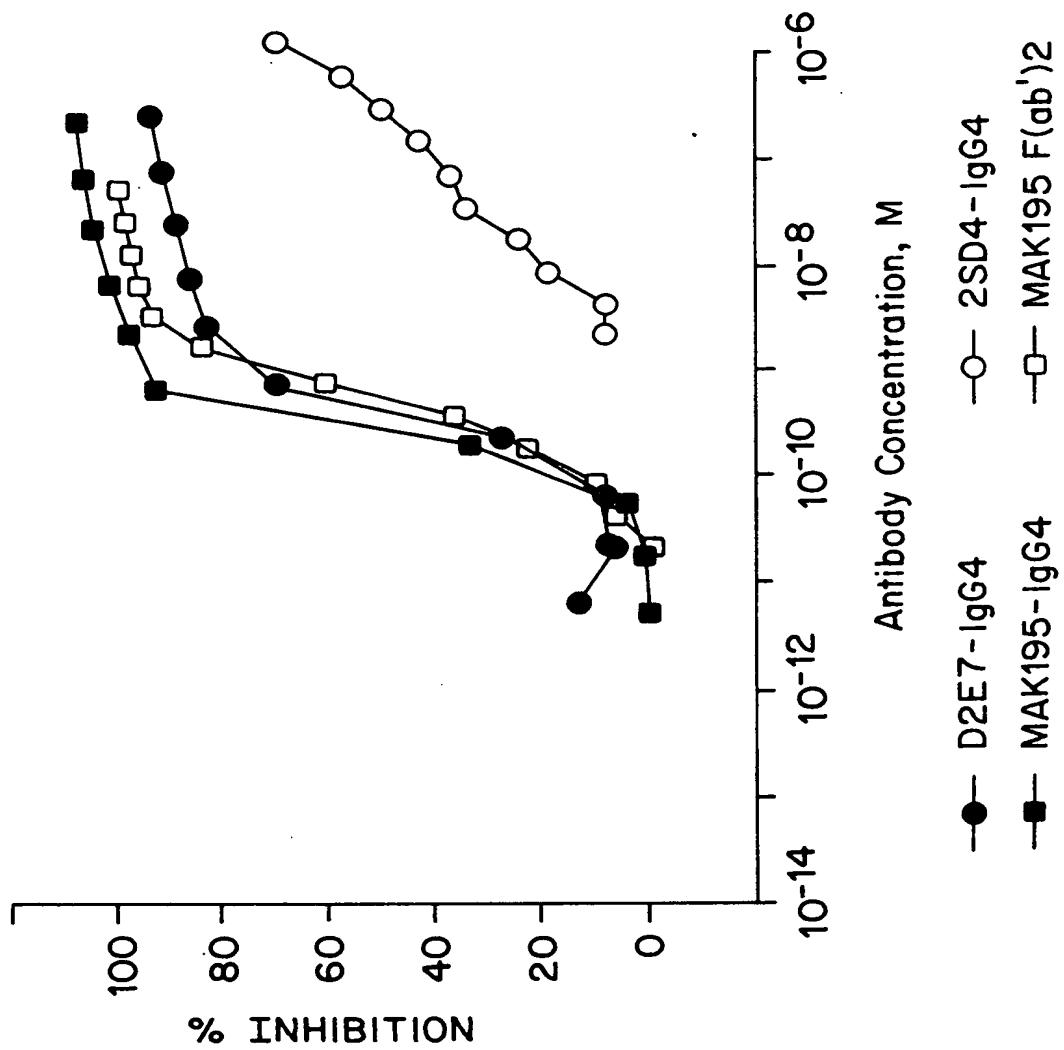


FIG. 5

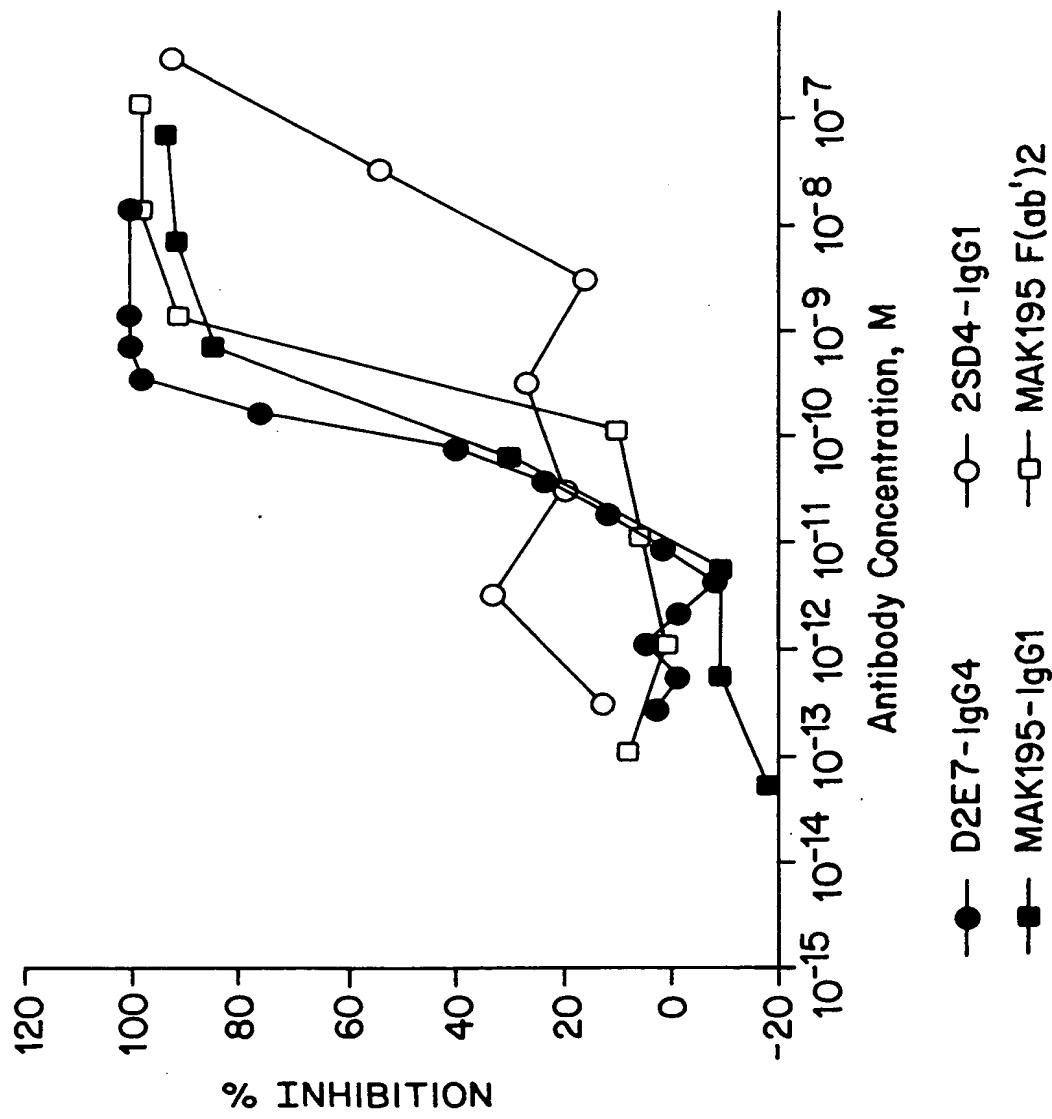
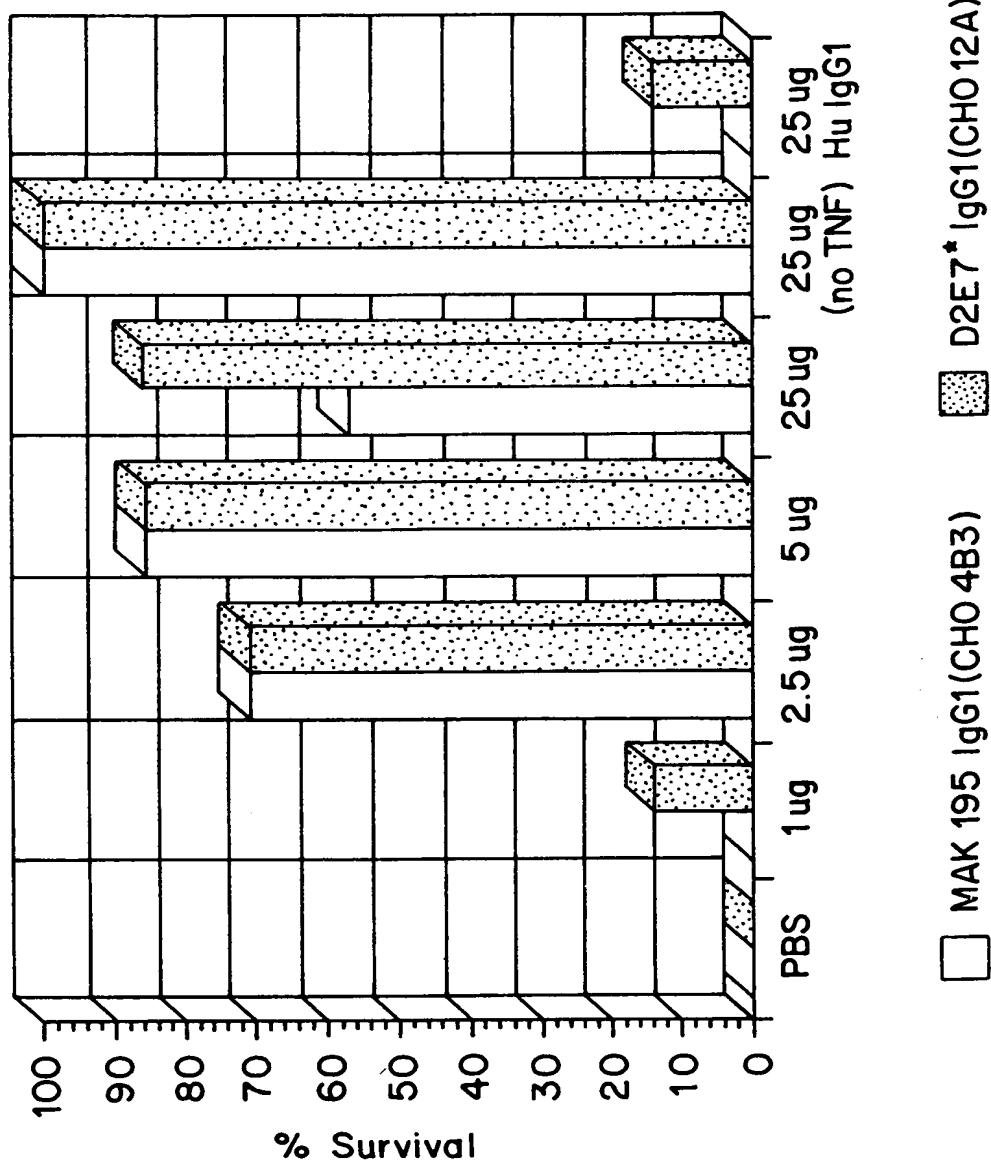


FIG. 6



D2E7 VL

GAC ATC CAG ATG ACC CAG TCT CCA TCC TCC CTG TCT GCA TCT GTA
D I Q M T Q S P S S L S A S V

CDR L1

GGG GAC AGA GTC ACC ATC ACT TGT CGG GCA AGT CAG GGC ATC AGA
G D R V T I T C R A S Q G I R

AAT TAC TTA GCC TGG TAT CAG CAA AAA CCA GGG AAA GCC CCT AAG
N Y L A W Y Q Q K P G K A P K

CDR L2

CTC CTG ATC TAT GCT GCA TCC ACT TTG CAA TCA GGG GTC CCA TCT
L L I Y A A S T L Q S G V P S

CGG TTC AGT GGC AGT GGA TCT GGG ACA GAT TTC ACT CTC ACC ATC
R F S G S G S G T D F T L T I

AGC AGC CTA CAG CCT GAA GAT GTT GCA ACT TAT TAC TGT CAA AGG
S S L Q P E D V A T Y Y C Q R

CDR L3

TAT AAC CGT GCA CCG TAT ACT TTT GGC CAG GGG ACC AAG GTG GAA
Y N R A P Y T F G Q G T K V E

ATC AAA
I K

FIGURE 7

D2E7 VH

GAG GTG CAG CTG GTG GAG TCT GGG GGA GGC TTG GTA CAG CCC GGC
E V Q L V E S G G L V Q P G

AGG TCC CTG AGA CTC TCC TGT GCG GCC TCT GGA TTC ACC TTT GAT
R S L R L S C A A S G F T F D

CDR H1

GAT TAT GCC ATG CAC TGG GTC CGG CAA GCT CCA GGG AAG GGC CTG
D Y A M H W V R Q A P G K G L

CDR H2

GAA TGG GTC TCA GCT ATC ACT TGG AAT AGT GGT CAC ATA GAC TAT
E W V S A I T W N S G H I D Y

CGC GAC TCT GTG GAG GGC CGA TTC ACC ATC TCC AGA GAC AAC GCC
A D S V E G R F T I S R D N A

AAG AAC TCC CTG TAT CTG CAA ATG AAC AGT CTG AGA GCT GAG GAT
K N S L Y L Q M N S L R A E D

CDR H3

ACG GCC GTA TAT TAC TGT GCG AAA GTC TCG TAC CTT AGC ACC GCG
T A V Y Y C A K V S Y L S T A

TCC TCC CTT GAC TAT TGG GGC CAA GGT ACC CTG GTC ACC GTC TCG
S S L D Y W G Q G T L V T V S

AGT
S

FIGURE 8